# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

### JULY 1936

**Any five of the nontechnical publications listed herein, unless indicated "For sale only", may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.**

**Free distribution of technical material and periodicals is restricted.**

---

### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Goldenseal under cultivation. Walter Van Fleet, Bureau of Plant Industry. 14 p., illus. (F. B. 613F., rev.) Price, 5¢.

### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Quality guides in buying women's cloth coats. Clarice L. Scott, Bureau of Home Economics. 8 p. (Leaf. 117L.) Price, 5¢.

The informative tags now attached to some coats are helpful, but too often the facts given concern only one part of the garment, such as the fur or the interlining. More complete information would be a distinct help to the woman purchaser, and the trade would also benefit by calling consumer attention to special qualities or to the service that might reasonably be expected.

### DEPARTMENT BULLETINS

The Department Bulletins are technical or scientific in nature and apply to a special crop, industry, or locality. This series ends with no. 1500, and is succeeded by the Technical Bulletin series. The editions are limited.

The genera of grasses of the United States, with special reference to the economic species. A. S. Hitchcock, Bureau of Plant Industry. 302 p., illus. (D. B. 722D., rev.) Price, 35¢.

### TECHNICAL BULLETINS

The technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Effect of artificially drying seed cotton before ginning on certain quality elements of the lint and seed and on the operation of the gin stand. Francis L. Gerdes, Bureau of Agricultural Economics, and Charles A. Bennett, Bureau of Agricultural Engineering. 62 p., illus. (T. B. 508T.) Price, 10¢.

This study shows the relationship between the moisture content of seed cottons (undried) and some of the quality elements of ginned lint; determines the extent to which artificial drying reduces the quantity of moisture in seed cottons; shows the comparative effects on quality elements of ginned lint and cottonseed, and on the mechanical operation of the gin machinery and determines the proper drying temperatures for seed cottons of different moisture content.

Timber growing and logging practice in ponderosa pine in the Northwest. R. H. Weidman, Forest Service; with introduction by Ferdinand A. Silcox, Forest Service. 92 p., illus. (T. B. 511T.) Price, 10¢.

This bulletin is the last of a series of 12 publications covering the principal forest regions of the United States. The measures proposed are arranged in two general groups: (1) Minimum needed to prevent timber-producing land from becoming barren and (2) desirable forestry practice.

Agricultural loans of commercial banks. Norman J. Wall, Bureau of Agricultural Economics. 56 p. illus. (T. B. 521T.) Price 10¢.

The analysis of changes in the volume of agricultural loans for the war and post-war periods together with a detailed analysis of the outstanding agricultural loans held by commercial banks at the end of 1934 is summarized in this publication.

85869°—36

## CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Care and maintenance of cotton-gin saws and ribs. Charles A. Bennett, Bureau of Agricultural Engineering, and Francis L. Gerdes, Bureau of Agricultural Economics. 20 p., illus. (Cir. 393C.) Price, 5¢.

This circular emphasizes the importance of keeping gin saws and ribs in good condition and gives practical information regarding their maintenance and repair.

A method of harvesting grapefruit to retard stem-end rot. J. R. Winston, Bureau of Plant Industry. 8 p., illus. (Cir. 396C.) Price, 5¢.

After grapefruit is clipped, infection in the stem parts advances into the fruit. If fruit with infected stems is pulled, the point of infection may be separated from the fruit, thus preventing development of decay.

## MISCELLANEOUS CIRCULARS

These circulars include those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department. The series closed with no. 110 and is replaced by the Miscellaneous Publication series.

State sanitary requirements governing admission of livestock. Revised to April 1, 1936. Bureau of Animal Industry. 133 p. (M. C. 14 MC, rev.) Price, 10¢.

## MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Food plants of the North American Indians. Elias Yanovsky, Bureau of Chemistry and Soils. 84 p. (M. P. 237MP.) Price, 10¢.

Directory of activities of the Bureau of Plant Industry. Bureau of Plant Industry. 130 p., illus. (M. P. 238MP.) Price, 10¢.

Colloid chemistry of cellulosic materials. Alfred J. Stamm, Forest Service. 91 p. (M. P. 240MP.) Price, 10¢.

The purpose of this publication is to make available under one cover a connected review of the colloid chemistry of cellulosic materials in the effort to stimulate further researches and discovery, seeking always a clearer knowledge of the materials and their chemical and physical relationships.

## SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Bureau of Entomology and Plant Quarantine, Service and Regulatory Announcements. January–March 1936. Pp. 1–40. (S. R. A.—B. E. P. Q. no. 126.)[1]

Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 13–47. (N. J., F. D. 25026–25075). Drugs.[1]

## SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area.

Indiana, Randolph County. (No. 18, series 1931.) 36 p., illus. Price, 30¢.

North Carolina, Washington County. (No. 8, series 1932.) 25 p., illus. Price, 25¢.

Ohio, Brown County. (No. 40, series 1930.) 55 p., illus. Price, 35¢.

Ohio, Putnam County. (No. 41, series 1930.) 35 p., illus. Price, 30¢.

Texas, Falls County. (No. 7, series 1932.) 40 p., illus. Price, 30¢.

Texas, Hardeman County. (No. 9, series 1932.) 38 p., illus. Price, 35¢.

---

[1] These may be obtained from the issuing bureau.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

| Farmers' Bulletins | Leaflets | Other publications |
|---|---|---|
| | | |

## OTHER PUBLICATIONS

Directory of the Bureau of Animal Industry. (Corrected to May 1, 1936.) 67 p. Price, 10¢.

Laws applicable to the United States Department of Agriculture, 1935: Embracing acts and provisions of a permanent character in force September 6, 1935. Compiled by J. P. Wenchel and Morrow H. Moore, Office of the Solicitor. 750 p. Distribution restricted.

Report of the Puerto Rico Experiment Station, 1935. 34 p., illus. Price, 5¢.

## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 20, no. 7, July 1, 1936. Price, 5¢ a copy; 25¢ a year, domestic; 45¢ a year, foreign.[1]

Crops and markets. Vol. 13, no. 6, June 1936. Price, 10¢ a copy; $1.00 a year, domestic; 45¢ a year, foreign.[1]

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, $3 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, $2.40 a year.[2]

Experiment station record. Vol. 75, no. 1, July 1936. Price, $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.50 per volume, foreign. Single number for sale only. Price, 15¢.[2]

A technical view of the world's scientific literature pertaining to agriculture.

Extension service review. Vol. 7, no. 7, July 1936. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 90¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of agricultural research. Price, $3.25 a year, domestic; $4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Reprints, 5¢, domestic; 8¢, foreign.[2] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

---

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

UNIVERSITY OF FLORIDA
3 1262 08903 6981

U. S. DEPARTMENT OF AGRICULTURE
OFFICE OF INFORMATION
WASHINGTON, D. C.

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

OFFICIAL BUSINESS

J J Tigert
University of Florida
Gainesville
322 Fla

7-36

Journal of agricultural research. Vol. 52, no. 11. June 1, 1936. Illus.

Contents:

Length of the dormant period in cereal seeds (Minn.-95). A. H. Larson, R. B. Harvey, and John Larson.

The estimation of the heat production of cattle from the insensible loss in body weight (Ill.-63). H. H. Mitchell and T. S. Hamilton.

Viability of conifer seed as affected by seed-moisture content and kiln temperature (F-76). William G. Morris.

The comparative insecticidal efficiency against the camphor scale of spray oils with different unsulphonatable residues (K-270). A. W. Cressman and Lynn H. Dawsey.

Transmission of sugarcane mosaic by the rusty plum aphid, *Hysteroneura setariae* (K-271). J. W. Ingram and E. M. Summers.

The composition and digestibility of mung-bean silage, with observations on the silica-ratio procedure for studying digestibility (Okla.-25). Willis D. Gallup and A. H. Kuhlman.

——— Vol. 52, no. 12. June 15, 1936. Illus.

Contents:

Inheritance of resistance to the common mosaic virus in the bean (G-1015). M. C. Parker.

Relation of stomatal function of wheat to invasion and infection by leaf rust (*Puccinia triticina*) (G-1013). Ralph M. Caldwell and G. M. Stone.

Inhibiting effect of sulphur in selenized soil on toxicity of wheat to rats (G-1014). Annie M. Hurd-Karrer and Mary H. Kennedy.

Response of certain plants to length of day and temperature under controlled conditions (G-1016). Robert A. Steinberg and W. W. Garner.

Scribner volume tables for cut-over stands of ponderosa pine in Arizona (F-77). Ezra M. Hornibrook.

Monthly weather review. Vol. 64, no. 4, April 1936. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[2] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Public roads. Vol. 17, no. 5, July 1936. Price, 10¢ a copy; $1 a year, $1.50 a year, foreign.[2]

Soil conservation. Vol. 2, no. 1, July 1936. Price, 10¢ a copy; $1 a year, domestic.[2]

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

Weekly weather and crop bulletin. Nos. 27-30, July 7-28, 1936. Price, 50¢ a year, domestic; $1 a year, foreign.[2]

[2] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

U. S. GOVERNMENT PRINTING OFFICE: 1936